HEATH HEN RESERVATION MAY SAVE FINE GAME BIRDS

Cats and Hawks Greatest Pests on Martha's Vineyard Preserve for Almost Extinct Species

The cats championed by since March 1913 -William Day is working to preserve pletely in appearance. Handicapped and restore to its former abundance by the necessity of economy and by the now almost extinct heath hen. Mr. his continual warfare against cats, chusetts State reservation on the he can only drive away, Mr. Day has island of Martha's Vineyard, the only slowly made a new and model farm heath hen preserve in the world. | and the birds under his care have

originator of the new fangled dances, the first exponent of the turkey trot, behind Mr. Day in the work of propnds of New England, New York and New Jersey, and now driven from them to make its last stand for life on this little island off the Massachusetts

might well have been considered the future game bird of New England and the Middle States. It was distributed along the Atlantic seaboard from Cape Ann in Massachusetts to Virginia and it was abundant in the low open lands Massachusetts, Connecticut and New York, especially on Long Island.

As the settlement of the land and the clearing away of the forests restricted the area of the ruffled grouse. quail and the partridge, the range of the heath hen was proportionately increased. It was not primarily a forest bird and the opening of the country broadened its feeding ground and increased the supply of seeds and ects. But the bird fell easy prey all seasons and the young were destroyed by dogs and cats. The last specimen recorded from New York was killed in the Comac Hills of Long

The heath hen had disappeared from e mainland and was relegated to the island of Martha's Vineyard-twenty miles long and six miles wide-before vaciliating and the heath hen rapidly missioners could find but twenty-one

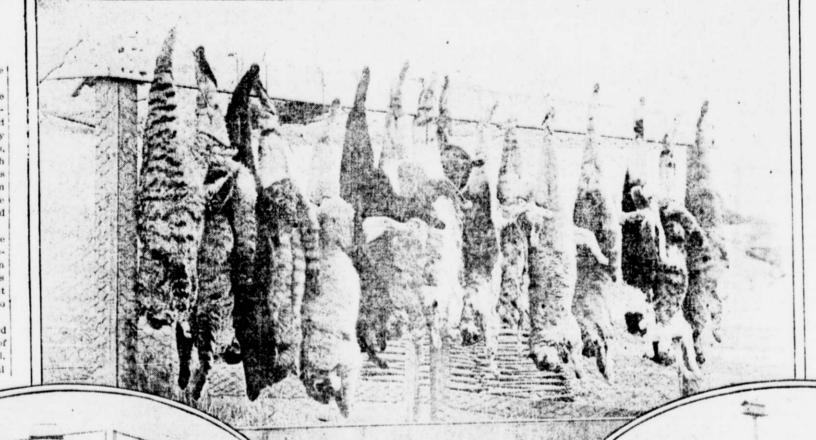
adapted by nature to New England, e country well settled and open, was point of annihilation. Prompt the part of a few Vinearders saved the heath hen from the Howland, a Vineyard sportsman, was

owns 700 acres outright and leases of color on either side.

dozens of kind hearted women, In 'Mr. Day's administration the the hawks protected by statute State reservation has changed comis superintendent of the Massa- which he can kill, and hawks, which The heath hen is described as the steadily increased. It is estimated that there are now 1,000 of them.

Dr. Field has been the guiding force game bird worthy of the attention of agating the heath hen. He has been once at home in the open down on the island at all seasons hours waiting in the corn fields to take their pictures at close range.

"Yoh sure have some crops," drawled Col. J. E. Mercer, with the accent of the South, to which he belongs. Col. The heath hen a hundred years ago Mercer is an officer of the Biological



Some deserted pet cats, turned

wild and fat on rare game birds.

Ressie Bodfish, cat killer.

are being made to preserve this rare game bird.

Superintendent William Day with heath hen he rescued from

a hawk.

Her policy was weak and thorities on the migration of birds. Little Pond to keep the ducks out of He visited the reservation late in the garden has a bird box on every dwindled in numbers. On May 2. August to observe the work there, post. The little nesting places are State Fish and Game Com- He was standing on the bill which scattered everywhere. The whiteoverlooks the reservation. There were washed posts rising helter skelter with thing else on the Vineyard-acres of the Dutch windmills, give the whole rye and beardless barley and an acre place queer and rather fascinating of tall, gaudy sunflowers, making a aspect. It isn't Oriental, although it even capable of living in a section of splurge of color among the fields of suggests curious ornamental gardens

The ordinary visitor to the heath belongs to the State heath hen farm hen reserve will meet with the same and nothing else. impressions as the Colonel. After ers, bluebirds, cheewinks. They are driving for miles through the un- planned and placed for every kind of he first to realize the immediate need changing scrub oaks, the road seems feathered creature, and it would do the suddenly to swerve and without warn- heart of any bird lover good to catch a glimpse of the place. In fact the ing the visitor is driving in between heath hen farm is doing much more Massachusetts Commission on neatly painted house surrounded by ing game bird and it has won for Fisheries and Game, was interested in bright flowers. The waste of plainland itself the strongest commendation of the situation. He collected funds from bird lovers all over the country and secured a State appropriation. Then trees, bordered by a hedge. The road-with respect to the national officers of the Audubon Society.

Mr. Day makes these bird houses in trees, bordered by a hedge. The road-outdoors. In spring, summer and fall a small farm was purchased as a heath hen preserve. To-day the State way that enters the gateway is lined he and his men have all they can do to by carefully tended gardens; a mass cultivate the crops which furnish food

The State reservation lies out in A step inside the hedge, a moment's the centre of the great plain of survey of the landscape, and a new ele-Martha's Vineyard. It is four miles ment enters into the picture. There to the nearest town. The superinten- is an unusual atmosphere about the cont's only neighbor is his farm State reservation and it is chiefly elper, who lives a mile away. The caused by the profusion of bird houses. is covered with scraggly scrub There are large bird pens just inside Here and there a slight ridge the gateway, their corner posts surof a rolling hill breaks the level con- mounted by little bird houses. Poles tour. The overgrown roads that run are planted here and there, each with through the plain are sandy and hard a little house on its top. Every teleof passage. No one goes that way phone pole leading to the house has except to visit the reservation, and a little box on top for swallows, and a for weeks at a time in winter the long deep one for flickers nailed to its

Massachusetts took any measures of Survey and one of the foremost au- The wire fence that runs around ten acres of corn spread out before painted boxes on their tops, some sehim-corn that is away ahead of any- verely plain, some fashioned as lit-

These boxes shelter swallows, flick-

of China; it is decidedly original; it

he and his men have all they can do to for the heath hen in winter. Last win-ter he planted 225 Mexican lilies in the South Shore ponds as food for wild

ducks. acres and leave the rest standing for the birds. The rye, beardless barley the birds can gather the food themselves. The sunflower is an especial

To beautify the reservation and with the idea that their wood will be valuable in years to come 7,000 pines were set out this spring following the successful planting of 5,000 a year ago. Some of last year's trees made Heath hen on plains of Martha's Vineyard, whate great efforts over a foot of wood in the year. One

Bird pens and houses on heath hen reservation.

would claim them and Mr. Day had to take them under his personal supervision. It is again a very rare thing the Wightrop Packard described as for a goose to desert her family.

Little Pond, where the birds live, is the star yest sight that the woods of Little Pond, where the birds live, is the star yest sight that the woods of tall. One of those kills had been the pet at the star yest sight that the woods of tall.

isself a curiosity. Although it lies that cliffers little in its essentials from way out in the plains, where water is scarce, where the vegetation is the scraggy growth of the desirt, where the prins and are seldom seen in number of the prins and are seldom seen in number of the prins and are seldom seen in number of the prins and are seldom seen in number of the prins and are seldom seen in number of the prins and are seldom seen in number of the prins and are seldom seen in number of the prins are seldom seen in number of the prins and are seldom seen in number of the prins and are seldom seen in number of the prins are sellom seen in number of the prins are sellom seen seraggly growth of the desirt, where the pains and are seldom seen in number the heath hens, themselves are supposed to drak only from the dew walking across the fields may flush a the tern which find which falls in the morning. Little down or more of them from their feedisland. Massachuset weather that in ranky sensors. This on top of them.

phenomenon is mentioned by Prof. N. The servation of the heath hen seems

N. Shaler, the Harvard geologist, in like v to be accomplished. This game

some of his writings on Martha's high which rises well to a dog and fursaving station of

In severe winters the heath hen will, mens taken on Martha's Vineyard. eat the bods of the evergreens, so that every way you look at them they are a good investment.

The brds begin to been arily in the is the equal for sport of in the spring. This year it happened on February 22. Their call Dr. Field substitute for many forms of the equal for sport of in the spring. Besides the grain crops gooseber- describes as resembling the whistle of substitute for many forms

Pond is a never failing source of pure, inc. They are very tame and only valiant efforts to save the clear water. What is more remarks take wing or retreat into the undermode, it is said to be higher in dry brosh when the intruder comes almost and yet seven big cuts

seems not to have entirely made up meal, is steadily growing in numbers. clsed over In the fields of grain left standing turned wild. Not so many years ago worry. Through the winter and in the plots the Vineyard plains were burned over looking or

Ann to Virginia, Along the Coast the heath hen comes out toward dusk many heath hens met death. To-day to feed. Brown against the brown of the ruperintendent of the State reser-the fields, only the trained eye recognizes its presence before it takes look after. These are wide strips, kept fright and flushing sweeps off in an clear of vegetation, that run in differ undeviating flight. It is this un-eat directions across the plains. The swerving flight that makes the bird reservation has its fire department too.

Only a Century Ago Valuable Food

Bird Was Common From Cape

Western prairie chicken, from which other Vineyard resorts bring down

an easy prey to the gunner. Mr. Day Thus protection is afforded the birds.

Suggests that it may have had much to do with the destruction of the in Mr. Day's opinion, are different of A sportsman used to partridge shoot-land. While the big bird is disappearwould by habit fire too quickly. ing from other parts of Massachusetz When the hunter waits a second after it was never more plentiful on the islandshing his bird he has an easy mark. and, and a hawk soaring over the The heath hen, having arisen from the fields or woods is an everyday sight, The heath hell hell starts off straight as an arrow. Mersh, red tailed, sharp shinned and The Feath hen is a light reddish brown above, barred with black and buff. Underneath it is rusty white which is protected by law, is the worst with brown. There are tufts of rather offender of the lot.

long black feathers at the sides of the neck and on each side a large orange left exposed to the depredations of air sack, while there is a small orange hawks and cats. Of the two the cat is comb over each eye. It nests on the ty far the more destructive, ground and closely resembles the Summer visitors to Oak Bluffs and

it was not distinguished until 1855, pet cats and leave them on the island when the Eastern pinnated grouse in the fall. Often the old cat may be taken back, but a litter of cats born during the summer will be left behind Then the islanders are very prone own cats, which run wild most of t time and bring up their progeny the woods. It is not uncommon for cat owner who desires to get rid of litter of young to take them out on the plains and leave them by the roadside The cat readily adapts itself to th

open life. It runs wild and grows for on the bird life of the plains. During his first winter Mr. Day shot twely cats on the reservation. Last winte seventeen big fellows fell by his gun seives and live luxuriously on th heavy as to make cat extermination important problem.

is Mr. Day's able assistant in the ${\bf c}$ a hunting. Bessle is a rabbit dog an the State reservation. There a royal welcome. Mr. Day is provides a shelter and plents

POWDER MAKING IN THE U.S., HISTORY OF DU PONT FAMILY

years the Du Ponts of Dela- his stamp. sixes for use in war. As a matter of fret from the founding of the industry at Wilmington in 1802, before the resumed du Pont de Nemours had become a permanent resident of the United States, a large part of the Done at Wilmington in the industry into one mainly from the industry into one mainly first and brief for the much product was used by hunters of before product was used by hunters of the proportion used in the arts of peace. He place has pretty steadily increased up to the beginning of the proportion used in the arts of peace has pretty steadily increased up to the beginning of the present European war, though whenever the form whenever the form the founding of the industry into one mainly into one mainly the entire form the founding of the industry of the beginning of the proportion used in the arts of peace has pretty steadily increased up to the beginning of the present European war, though whenever the form the founding of the industry of the employees numbered the employees numbered to the employees numbered to provide the twint in the possible of the consciousness rose in you that among the thinged concern, with the care the consciousness rose in you that among to itself a college for dealth was to transity the control of a special in the case of the beginning of the proportion used in the arts of peace without the consciousness rose in you that among to itself a college for admission to see the last language of admission to see the last language that there accorden, with the consciousness rose in you that among to itself a college for in the observation of a special in the case of admission to see the last language that the consciousness rose in you that among to itself a college for admission to see the last language that the consciousness rose in you that among the twist denominate the consciousness rose in you that among the transition of the present the consciousness rose in you that among the transition of the present the consciousness rose in you that among the transition of the present the

years the Du Ponts of Dela-ware and many other places are probably making more ma-terial intended to destroy life than

Nearly forty years later there was less than \$1,000,000 capital engaged in the American powder making busi-ness, and barely 500 workmen were

of war.

It is a tradition with the Du Ponts that the members of the house take their risk of death along with their material intended for use in the arts employed in the manufacture. Less employees. Some of them have been that institution with money. Yester-It is a popular notion that than ten years later the Mexican war blown up in their works, and others day Deleware College was a small inthis family has been engaged for automatically increased the business probably will be. All northern Dela- stitution dependent mainly upon the

OR the first time in a good many unsafe place of residence for men of scattered all over the Union this concern is now turning out munitions

this family has been engaged for something over a century solely in making gunpowder and other explosions for use in war. As a matter of fact from the founding of the indus-

built by the Du Pents, and it beers the family name. Coleman du Pent's him. long delayed scheme of a roal from end to end of Delaware, als a bearing

WHEN THE OTHER MAN DRIVES

to the beginning of the present Euto the positiveness that every cent exto the family's residence in the United baseball than his own neck—at least
cept what went for moderately comfortable living was turned to makto hard the Du Ponts kept out of poilto you pretty near shot us over into
that of all the drivers on the roads the
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some superhuman instinct, announces
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United States had wars of its own hard the Du Ponts with the Du Ponts with the Du Ponts with the Du Ponts with the purities turned to make the purities, and the like—became an important plant of the Prench chemist Lavoiser, which and trush frame how to make the manufacture of blasts, which and trush frame how to make the purities and the purities of the possing time that the purities and the purities of the possing time the purities of the possing time the purities of the p basiness was founded with the atenance of the Federal Governation 1802, and the head of the Federal Governation 18

YOU REALIZE WHO'S MASTER

We'd have mashed into that telephone Young Jack And

Young Jack (the story has been gos You eyour last

SINCE you bought and learned how bave lived simply and without ostentation. They have paid their workmen the highest warse of the industry and have provided for the injured and for the families of such as were killed in the works. These manufacturers

SINCE you bought and learned how business came out, did 1? You restup. There may be member Johnson didn't want to do it, but I put it this way to Johnson. The your horror he turns around as though you were Johnson, quite neglecting by a jot — Well, the letter car, which is plunging recklessly to up was sure a corker and of deadly explosives seem to have Lecause you are envious (for does not caught the mildness and gravity of the your eight cylinder beauty built Boxby for a century and with whom they hold the road with any of them?). You chattering sparrow, turn around higher things I Lore was once a joy.